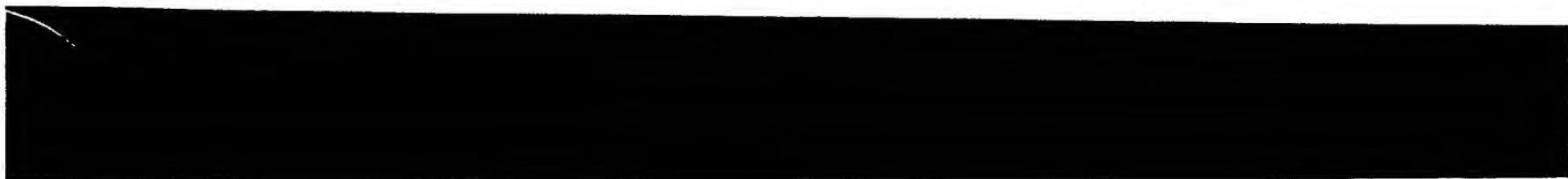

International Cosmetic Ingredient Dictionary and Handbook

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Volume 1

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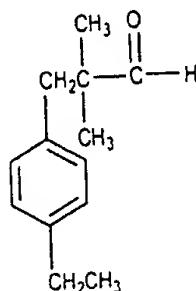
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Ethylenediamine/Stearyl Dimer Tallate Copolymer

Definition: Ethyl 2,2-Dimethylhydrocinnamaldehyde is an aromatic aldehyde that conforms generally to the formula:



Information Source: RIFM

Chemical Class: Aldehydes

Function: Fragrance Ingredient

Technical/Other Names:
alpha,alpha-Dimethyl-p-ethylphenylpropanal (RIFM)
2,2-Dimethyl-p-ethylphenylpropanal
3-(p-Ethylphenyl)-2,2-Dimethylpropionaldehyde

Trade Name:
Floralozone (International Flavors & Fragrances)

ETHYLENE/ACRYLIC ACID COPOLYMER

CAS No.: 9010-77-9

Definition: Ethylene/Acrylic Acid Copolymer is a copolymer of ethylene and acrylic acid monomers.

Information Sources: 21CFR177.1310, 1CFR178.1005, CIR: [SQ] IJT 21(SUPPL. 3) 2002

Chemical Class: Synthetic Polymers

Functions: Binder; Film Former; Viscosity Increasing Agent - Nonaqueous

Technical/Other Name:
2-Propenoic Acid with Ethene

Trade Names:

A-C Copolymer 540 (Honeywell)
A-C Copolymer 580 (Honeywell)
A-C Copolymer 540A (Honeywell)
AEC Ethylene/Acrylic Acid Copolymer (A & E Connock)
EA-209 (Kobo)

ETHYLENE/ACRYLIC ACID/VA COPOLYMER

CAS No.: 26713-18-8

Definition: Ethylene/Acrylic Acid/VA Copolymer is a copolymer of ethylene, acrylic acid and vinyl acetate monomers.

Information Source: CIR: [SQ] IJT 21 (SUPPL. 3) 2002

Chemical Class: Synthetic Polymers

Functions: Binder; Film Former; Viscosity Increasing Agent - Nonaqueous

Technical/Other Name:
2-Propenoic Acid, Polymer with Ethene and Ethenyl Acetate

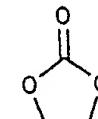
ETHYLENE CARBONATE

CAS No. 96-49-1 **EINECS No.** 202-510-0

JPN Translation:
炭酸エチレン

Empirical Formula:
 $C_3H_4O_3$

Definition: Ethylene Carbonate is the organic compound that conforms to the formula:



Information Sources: JCIC, JCLS

Chemical Class: Esters

Function: Solvent

Technical/Other Name:
1,3-Dioxolan-2-one

ETHYLENEDIAMINE/DIMER TALLATE COPOLYMER BIS-HYDROGENATED TALLOW AMIDE

Definition: Ethylenediamine/Dimer Tallate Copolymer Bis-Hydrogenated Tallow Amide is a copolymer of ethylenediamine and tall oil dimer acid monomers, end-blocked with Hydrogenated Tallowamine (q.v.).

Chemical Class: Synthetic Polymers

Functions: Oral Care Agent; Skin-Conditioning Agent - Miscellaneous; Viscosity Increasing Agent - Nonaqueous

Technical/Other Name:
Sylvaclear A200

ETHYLENEDIAMINE/STEARYL DIMER DILINOLEATE COPOLYMER

Definition: Ethylenediamine/Stearyl Dimer Dilinoleate Copolymer is a copolymer of ethylenediamine and Dilinoleic Acid (q.v.) monomers, end-blocked with stearyl alcohol.

Chemical Class: Synthetic Polymers

Functions: Oral Care Agent; Skin-Conditioning Agent - Miscellaneous; Viscosity Increasing Agent - Nonaqueous

Trade Name:
UNICLEAR (Arizona)

ETHYLENEDIAMINE/STEARYL DIMER TALLATE COPOLYMER

Definition: Ethylenediamine/Stearyl Dimer Tallate Copolymer is a copolymer of ethyl-

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Ethylenediamine/Stearyl Dimer Tallate Copolymer (Cont.)

enediamine and tall oil dimer acid monomers, end-blocked with stearyl alcohol.

Chemical Class: Synthetic Polymers

Functions: Oral Care Agent; Skin-Conditioning Agent - Miscellaneous; Viscosity Increasing Agent - Nonaqueous

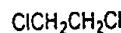
Trade Name:
UNICLEAR (Arizona)

ETHYLENE DICHLORIDE

CAS Nos. EINECS Nos.
107-06-2 203-458-1
1300-21-6 215-077-8

Empirical Formula:
 $C_2H_4Cl_2$

Definition: Ethylene Dichloride is the halogenated aliphatic hydrocarbon that conforms to the formula:



Information Sources: 21CFR165.110, 21CFR172.560, 21CFR172.710, 21CFR172.864, 21CFR173.165, 21CFR173.230, 21CFR173.315, 21CFR175.105, 21CFR573.440, EEC(II-125), FCC, MI-13(3831), TSCA

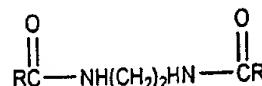
Chemical Class: Halogen Compounds

Function: Not Reported

Technical/Other Names:
Dichloroethane
Ethane, 1,2-Dichloro-

ETHYLENE DIHYDROGENATED TALLOW-AMIDE

Definition: Ethylene Dihydrogenated Tallowamide is the diamide that conforms generally to the formula:



where RCO- represents the fatty acids derived from hydrogenated tallow.

Chemical Class: Amides

Function: Viscosity Increasing Agent - Nonaqueous

Technical/Other Names:
N,N'-1,2-Ethanediylbis(Hydrogenated Tallowamide)
(Hydrogenated Tallowamide), N,N'-1,2-Ethanediylbis-

ETHYLENE DILINOLEAMIDE

Definition: Ethylene Dilinoleamide is the condensation product of ethylenediamine with Dilinoleic Acid (q.v.).

Information Sources: JCIC, JCLS

Chemical Class: Amides

Function: Skin-Conditioning Agent - Miscellaneous

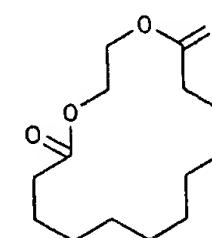
Technical/Other Name:
Condensate of Dilinoleic Acid and Ethylenediamine

ETHYLENE DODECANEDIOATE

CAS No. EINECS No.
54982-83-1 259-423-6

Empirical Formula:
 $C_{14}H_{24}O_4$

Definition: Ethylene Dodecanedioate is the organic compound that conforms to the formula:



Information Source: RIFM

Chemical Classes: Esters; Heterocyclic Compounds

Function: Fragrance Ingredient

Technical/Other Names:
Cyclic Ethylene Dodecanedioate
1,4-Dioxacyclohexadecane-5,16-Dione
Ethylene dodecanedioate (RIFM)
Musk C-14

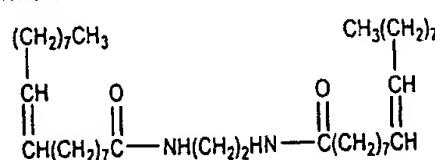
Trade Name:
Zenolide (International Flavors)

ETHYLENE DIOLEAMIDE

CAS No. EINECS No.
110-31-6 203-756-1

Empirical Formula:
 $C_{38}H_{72}N_2O_2$

Definition: Ethylene Dioleamide is the diamide that conforms generally to the formula:



Information Sources: 21CFR175.300, TSCA

Chemical Class: Amides

Function: Viscosity Increasing Agent - Nonaqueous

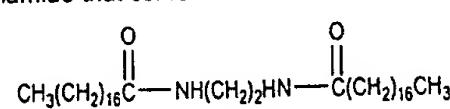
Technical/Other Names:
N,N'-1,2-Ethanediylbis-9-Octadecenamide
9-Octadecenamide, N,N'-1,2-Ethanediylbis-

ETHYLENE DISTEARAMIDE

CAS No. EINECS No.
110-30-5 203-755-6

Empirical Formula:
 $C_{38}H_{76}N_2O_2$

Definition: Ethylene Distearamide is the diamide that conforms to the formula:



Information Source: TSCA

Chemical Class: Amides

Function: Viscosity Increasing Agent - Nonaqueous

Technical/Other Names:
N,N'-1,2-Ethanediylbisoctadecanamide
N,N'-Ethylen Bisstearamide
Octadecanamide, N,N'-1,2-Ethanediylbis-

Trade Name:
Lipowax C (Lipo)

ETHYLENE/MA COPOLYMER

CAS No.: 9006-26-2

JPN Translation:
(エチレン/マレイン酸)コポリマー

Definition: Ethylene/MA Copolymer is a polymer of ethylene and maleic anhydride monomers.

Information Sources: 21CFR175.105, 21CFR177.1210, 21CFR177.1520, JCIC, JCLS, TSCA

Chemical Class: Synthetic Polymers

Functions: Binder; Film Former; Suspending Agent - Nonsurfactant

Technical/Other Names:
Ethylene/Maleic Anhydride Copolymer
2,5-Furandione, Polymer with Ethene

ETHYLENE/MAGNESIUM ACRYLATE COPOLYMER

CAS No.: 27515-37-3

Empirical Formula:
 $(C_3H_4O_2 \cdot C_2H_4)_x \cdot xMg$

Definition: Ethylene/Magnesium Acrylate Copolymer is a copolymer of ethylene and magnesium acrylate monomers.

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